

Date: Mon, 19 Sep 94 04:30:18 PDT  
From: Ham-Digital Mailing List and Newsgroup <ham-digital@ucsd.edu>  
Errors-To: Ham-Digital-Errors@UCSD.Edu  
Reply-To: Ham-Digital@UCSD.Edu  
Precedence: Bulk  
Subject: Ham-Digital Digest V94 #311  
To: Ham-Digital

Ham-Digital Digest                      Mon, 19 Sep 94                      Volume 94 : Issue    311

Today's Topics:

                  AEA PK-96 Reviews...  
                  Baycom  
                  DSP Units  
                  Getting started on 56k.  
                  JNOS Mailing List - Exist???  
                  JNOS questions (2 msgs)  
                  KPC 9612  
                  List of Mac Ham Software on the Net.  
                  Looking for CE-130T or CE-131T  
                  Packet Programs for Tandy Model 100  
                  PaKet 6.1 available  
                  WEFAX for the Mac

Send Replies or notes for publication to: <Ham-Digital@UCSD.Edu>  
Send subscription requests to: <Ham-Digital-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Digital Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-digital".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.  
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Date: 18 Sep 1994 17:42:02 -0400  
From: newstf01.cr1.aol.com!newsbf01.news.aol.com!not-for-mail@uunet.uu.net  
Subject: AEA PK-96 Reviews...  
To: ham-digital@ucsd.edu

Well, I have seen questions and answers here ranging from the KPC's  
to Baycom, but have seen nothing on the new PK-96 by AEA. This would be  
one of my first choices for a high speed packet modem, and I was wondering  
if anyone here has any compliments or gripes about it. Thanks...

Joe N9YJZ,    Brookfield, Wisconsin

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Date: Sun, 18 Sep 1994 13:31:06 UTC  
From: EU.net!news.eunet.fi!anon.penet.fi@uunet.uu.net  
Subject: Baycom  
To: ham-digital@ucsd.edu

I am using a Baycom modem with an Icom T21A. It works OK for packet, but I need to know if other software works with it, or if you can do anything else with it.

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To find out more about the anon service, send mail to help@anon.penet.fi. Due to the double-blind, any mail replies to this message will be anonymized, and an anonymous id will be allocated automatically. You have been warned. Please report any problems, inappropriate use etc. to admin@anon.penet.fi.

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Date: Tue, 13 Sep 94 23:48:26 mdt  
From: news.sandia.gov!tesuque.cs.sandia.gov!ferrari.mst6.lanl.gov!  
mustang.mst6.lanl.gov!newshost.lanl.gov!usenet@uunet.uu.net  
Subject: DSP Units  
To: ham-digital@ucsd.edu

I have a DSP-59+ and an NIR-10 currently being fed in parallel. The current test are subjective on satellites and some DX HF. The next step is to take the output to my Soundblaster and digitize the output into the two stereo channels. The resultant will undergo some analysis to try and determine signal to noise ratio. I was going to put an MFJ in the test also but they would not sell me one at the Jacksonville Hamfest. The dealers do not seem to have them either. More vaporware from Mississippi. I plan to test ssb and cw as well as some of the hf digital modes. If you have some suggestions of tests you would like to see contact me at ggs@eule.lanl.gov. As time permits the units are going to be loaned to other hams for subjective input. I plan to ask both hf types and vhf weak signal types to help. Perhaps this effort will determine just who is King of the hill. By the way I bought both of the units and have no association with Timewave or JPS hopefully the results can be published in one of the ham mags. 73 de Jerry KC5EGG

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Date: 18 Sep 1994 12:16:50 GMT  
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!EU.net!sunic!  
isgate!news.rhi.hi.is!bnt@network.ucsd.edu  
Subject: Getting started on 56k.

To: ham-digital@ucsd.edu

hello, We are here several amateurs here  
in Iceland that are very interested in  
higher data rates in packet radio.  
We have been using 1200bps for many years  
and 9k6 is under way. But we want something  
faster like 56kbps.

But how??

Are there any "off-the-shelve" kits??

We have heard of something called  
"56kbps on a pc-slot-card" witch has  
the radio and the modem on a single pc-slot

If you have any info, experience or anything  
to say.

"how-you-did-it" tales are most appreciated.

please e-mail.

tnx in advance  
73 CUL de TF3BNT  
e-mail : bnt@rhi.hi.is

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Date: Tue, 13 Sep 1994 16:59:59 GMT  
From: ihnp4.ucsd.edu!news.cerf.net!nntp-server.caltech.edu!netline-  
fddi.jpl.nasa.gov!news.byu.edu!news.kei.com!ub!dsinc!spool.mu.edu!torn!govonca!  
rumbalj@network.ucsd.edu  
Subject: JNOS Mailing List - Exist???  
To: ham-digital@ucsd.edu

Does a JNOS Mailing List exist to which I can subscribe? If so, how do I  
subscribe to it? Now that I am running JNOS I'd like to keep up to date on  
relevant issues and discussions.

Your help is appreciated. Thank you.

73 de John, VA3BUS--

/-----\ Ontario

| ()() | Ministry of

JOHN RUMBALL

District Systems Officer

RUMBALJ@GOV.ON.CA

| () | Natural                      Sudbury, ON Canada                      va3bus@ve3jlr.#ne.on.can.noam  
|-----/ Resources                      (705)722-7823 ext.278

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Date: Thu, 15 Sep 1994 17:05:31 GMT  
From: ihnp4.ucsd.edu!swrinde!emory!europa.eng.gtefsd.com!howland.reston.ans.net!  
torn!govonca!rumbalj@network.ucsd.edu  
Subject: JNOS questions  
To: ham-digital@ucsd.edu

Thank you for reading this. I am just beginning to get my JNOS v1.10g station up and running here and I have a few things I'd like cleared up. If you can help me, please let me know.

- 1) What is the purpose of the NET.RC file?
- 2) What does a typical NET.RC file look like?
- 3) When I log into the mbox portion of the system from my console, and I post a message to a user at an AX.25 bbs system, where does the file go when I finish typing it and enter the /ex?? I use "L> user" but cannot get a listing of the file. Am I looking in the wrong place?
- 4) What determines the method of mbox message transfer (ax25 vs. smtp) that JNOS will use when transferring mail between two JNOS stations?

These things may be trivial to the experienced JNOS user, but to me they are puzzling. I have had experience as the sysop of an MSYS bbs a few years ago, but JNOS is totally new! Therefor, any help you can provide isappreciated.

73 de John  
VA3BUS@VA3BUS.AMPR.ORG

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/-----\ Ontario                      JOHN RUMBALL  
| ()() | Ministry of                      District Systems Officer                      RUMBALJ@GOV.ON.CA  
| () | Natural                      Sudbury, ON Canada                      va3bus@ve3jlr.#ne.on.can.noam  
|-----/ Resources                      (705)722-7823 ext.278

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Date: Fri, 16 Sep 1994 16:24:49 GMT  
From: ihnp4.ucsd.edu!library.ucla.edu!csulb.edu!nic-nac.CSU.net!usc!  
howland.reston.ans.net!agate!iat.holonet.net!vectorbd!rkm@network.ucsd.edu  
Subject: JNOS questions  
To: ham-digital@ucsd.edu

Jim Lill (jpl1@vectorbd.com) wrote:

: John Rumball (rumbalj@govonca.gov.on.ca) wrote:

: : Thank you for reading this. I am just beginning to get my JNOS v1.10g  
: : station up and running here and I have a few things I'd like cleared up. If  
: : you can help me, please let me know.

: Do you have the DOCS110.ZIP package? It should answer a lot of  
: ur questions.

Also, you might want to get a copy of \_NOSIntro\_, by Ian Wade. It's  
available from the ARRL, and any book store can order it. It's full  
of explanations and examples on how NOS works.

- Rich

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Date: 18 Sep 1994 17:49:57 GMT

From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!darkstar.UCSC.EDU!news.hal.COM!olivea!  
news.bu.edu!dartvax.dartmouth.edu!usenet@network.ucsd.edu

Subject: KPC 9612

To: ham-digital@ucsd.edu

In article <rsnyder-1709942112270001@wintermute.motown.ge.com>  
rsnyder@astro.ge.com (Bob Snyder) writes:

> > Does this TNC support the 9600 baud and 1200 baud Pacsats?

>

> Not sure, haven't got that far yet. :-)

The 9612 has an FSK (Frequency Shift Keying) modem in it, which is what  
all terrestrial stations use, as well as \_some\_ pacsats. Some other  
pacsats use PSK (Phase Shift Keying). The KPC-9612 does not have a  
modem disconnect header feature, so you cannot add a PSK modem to the  
KPC-9612 to connect to these pacsats. I'm hoping a future version of  
the KPC-9612 will fix this.

The AEA PK-96, however, does allow you to connect a PSK modem to it,  
and should be "compatible" with all the pacsats.

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=====  
Kenneth E. Harker '95      Internet: kenneth.e.harker@dartmouth.edu  
N1PVB                    Amateur Packet Radio: n1pvb@w1et.nh.usa.na  
(603) 643-5716      <http://mmm.dartmouth.edu/pages/iago/iago.home.html>  
=====

-----  
Date: Thu, 15 Sep 1994 12:57:09 GMT  
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!pipex!demon!  
betanews.demon.net!news@network.ucsd.edu  
Subject: List of Mac Ham Software on the Net.  
To: ham-digital@ucsd.edu

14/9/94

The following programmes are now available from,

ftp.demon.co.uk                      /pub/ham/mac

All programmes are either Freeware, Shareware or demos.

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ANT RAD PLOT.sea

2K Basic programme plots vertical radiation pattern for dipoles at  
any  
given height.

BROADCAST v2.0.sea

150K Packet program for use with PACSATs.

CODEMASTER v1.34.sea

27K CodeMaster 1.34 - demo version of CodeMaster 2.34 - morse code and  
ham  
theory test application. This version is somewhat functional.

CONTEST DUPER v5.1.sea

70K Checks your contest log for duplicate entries.

CW CHART.sea

3K Copied from Usenet - a morse code (CW) tree chart.

DXCC by Callsign.sea

30K DA which lists all the DXCC countries in order of callsign.

DXCC by Country.sea

30K DA which lists all the DXCC countries.

EZ DOVE v.002.sea

55K EZ Dove decoder (v.002). Appl and Basic source, decodes Dove  
telemetry  
data.de N5K0B.

GRID 1.0.sea

9K Converts longitude/latitude to grid QTH

HF PACK TUTOR.sea

9K Tutorial on HF packet radio - interesting

HAM ART.sea

11K Assorted ham related artwork. ARRL and AR TIFF logo, IC-735 front(MCDW)

ICOM & MACS.sea

1K Info for Mac & ICOM owners looking for software to link'em

IM/Mac v1.0b27z.sea

200K SMTP mailer for use with NET/MAC.

KISS\_TLM.sea

50K For decoding KISS data from MICROSATs.

MacContest 4.0.sea

300K The ultimate contest logging program for the Macintosh (System 7 proof). Covers CW/SSB/RTTY modes and all bands from 1.8 MHz to 5.7 GHz. Allows real-time or post contest logging for a wide variety of contests (30 contest include, new ones can be added). Checks for dupes, figures scores instantly. Offers various printouts (sorts per band, alphabetically, labels etc.) Interfaces to TNCs (KAM, PK-232) for CW, RTTY and packet modes. Built in terminal mode and packet DXcluster interface. Interface to Kenwood transceivers for automatic band/mode logging. MacinTalk voice output for real-time logging as well as to ease post-contest entry. Option to capture log in realtime to printer. Option to simultaneously create a save copy of the log to a different file/disk. Timetable showing actual grayline on a world map. (I have the demo version which will allow you to make 50 contacts). MacContest is free but must be personalized to each user

(otherwise it's limited to 50 contacts). To get a copy send a 3.5" diskette and

a SASE to Gerald Eberle, HB9CEY, PO Box 13, CH-4417 Ziefen, Switzerland. Moritz (HB9BLZ) can act as a message forwarder for Gerald.

Moritz' e-mail address is: [gysslerm@saturn.kau.roche.com](mailto:gysslerm@saturn.kau.roche.com)

MacFAX2 v1.1.sea

20K Will allow you to receive WEFAX pictures in your PK-232.

MACMORSE v0.2.sea

30K Another program to learn morse code

MACMININEC v3.13.sea

250K For analyzing antenna disigns,including dipoles, beams, etc etc.

MORSEMAC DA v2.0.sea

17K A program to learn Morse code . It sounds a preset number of characters

randomly choosen. it contains an XCMD written by LX1YZ

MORSE v1.3.sea

20K Morse tutor up to 25wpm, very good.

MAC SHORTWAVE v1.sea

90K Shortwave propagation predictor.

NET/MacStartersKit.sea

500K A complete starters kit for the Mac user interested in trying TCP/IP.

Includes everything that you will need to get going.

NET/Mac v2.3.39.sea

500K This is a version of TCP/IP. Will allow you to use AX25, NETROM, FTP,

TELNET and SMTP with packet radio

ORBITTRACK (2 versions)

514K This is one of the best Shareware programmes I have ever seen. If you are interested

in tracking sats you need this. Comes in two versions, one for use with Macs that have a FPU

processor installed and one which will run without a FPU for those that don't.

PACKET(1-18).sea

43K Introduction to packet radio - Parts 1 thr 18 by Larry Kenney, WB9LOZ

PacketTracker 1.04.sea

110K PacketTracker ver 1.04 is a program that monitors packet activity

and keeps track of what is going on. It draws a graphical map showing who is talking to who and displays statistics of all current stations and keeps a running tally of activity. You will be able to see graphically what stations you can hit directly and which ones he cannot. For the network manager and BBS operator, PacketTracker provides extensive insight to the operation of the local network and problems such as excessive retries on a path. It also allows for extensive logging of channel utilization and other pertinent information.

NOTE: This application requires the Apple's Serial Tool from the



## Communications Toolbox System 7

### PROJECTMAC A1.sea

105K ARRL's Project Mac software - part A1 (These are looking a bit old now)

### PROJECTMAC A2.sea

118K ARRL's Project Mac software - part A2 (These are looking a bit old now)

### PROJECTMAC B1.sea

103K ARRL's Project Mac software - part B1 (These are looking a bit old now)

### PROJECTMAC B2.sea

107K ARRL's Project Mac software - part B2 (These are looking a bit old now)

### QUICKTERM.sea

Another of Gerald Eberle, HB9CEY contest/dx programmes. This one is a AX25 terminal programme for use with the DX cluster.

### RADFAX 09.sea

173K WEFAX programme that uses the mic input on new Mac. No other hardware required, just plug output from HF rig into Mac mic socket and away you go.

### SAVANT 1.0.2 Demo

185K AX25 packet terminal programme that will work with SoftKISS, in other words it will allow you to run a Baycom modem on the Mac. This is now a commercial programme but the demo version will let you set it up, send a limited number of frames and see it working etc etc.

### SoftKISS 1.8.sea

This will allow the use of dumb modems with the Mac, ie the BayCom series of kits.

### STARTING IP v3.0.1.sea

14K The Getting Started with (Mac) TCP/IP text file for beginners

### SUNTIMER.sea

130K One of Gerald Eberle, HB9CEY contest/dx programmes. Shows Grayline on world map, distance, bearing, DXCC callsign lookup table, very very nice programme.

TALKTERM 1.1.sea

50K For use with DX clusters. If used along with MacinTalk it will announce DX spots as they arrive on the cluster.

Various Logs.sea

200K Includes,  
FileMaker Log, 5K FileMaker IV document will provide excellent general logging.  
HamLogger, 10K HC stack for logging ham contacts - very nice.  
Logging Stacks UK, 100K Keeps all sorts of logs. From contest, to local directory.  
Logging Stacks USA, Same as above but with USA bandplans.  
MacLogger, Very nice programme for checking contest entries.  
SWL Logger Stack.

Virtuoso v1.4.sea

68K A very nice standalone packet terminal programme for use with any TNC

World Radio v1.8.sea

260K Radio control programme for Kenwood radios includes,  
Kenwood Radio Interface, Station Log Database, World Map Display,  
DX Call Sign List, Antenna Rotor Control, Radio Memory List,  
UTC Clock Display, very nice.

World Clock Lite.sea

108K What time is it in Alice Springs Australia ? How far away is London ?  
Is it daylight or night time in New York ? Is it night all the way from here to Cario?  
The World Clock desk accessory has the answers to all these questions and many, many, more. Looks good to.

ZTerm.sea

263K Comms Terminal programme for the Mac. Nice and easy to use. Comes with sound updates.

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HYPERCARD STACKS.

Advanced 2.2.sea

132K HC stack - Ham advanced test.

CHESS-STACK.sea

143K Yep, someone had to do it. HyperCard stack that will allow two Macs to play chess via packet radio.

DXMAP v1.1.sea

150K Shows grayline in real time, also has a data base of all callsigns and will show location and bearing from your QTH on world map. Very nice. Can only be used with version 2 or higher of Hypercard.

Extra 2.2.sea

127K HC stack - Ham extra test.

FreqValet Demo version.

203K Provides frequencies and DX program info for shortwave radio listeners. The program databases update automatically at 15, 30, or 60 minute intervals, thus providing a continuous display of broadcasts on-the-air at any given time in a spreadsheet like format. Features include sorting of data, scanning, and on-screen changing of databases. The program will convert Tom Sundstrom's dBase shorwave broadcast listing to FreqValet format and will do the same for Shorwave Navigator users. Separate cards are provided for DX Programs, Ship to Shore, and Utility broadcasts. Computer control modules are available at extra cost for the Drake R8, Kenwood R-5000, JRC NRD-525, and NRD-535 receivers.

General 2.2.sea

93K HC stack - Ham general test.

GRAYLINE.MAC.sea

70K HC Shows world grayline in real time.

HyperFT747GX.sea

250K HyperCard that will allow you to control your FT-747 via the RS232 interface. This stack should be pretty easy to modify to work with other transceivers. It also now comes in a coloured version

Mac525B1.1.sea

100K HyperCard stack for controlling the JCR525 radio via the Mac's RS232 port. Works pretty fast as the scripts are very well written. Includes Database of memories.

Mac5351.1.sea

100K HyperCard stack for controlling the JCR535 radio via the Mac's RS232 port. Works pretty fast as the scripts are very well written. Includes Database of memories.

NOVICE 3.2.sea

128K HC stack - Ham novice test.

SSB.sea

500k With this one you can record your own voice, using MacRecorder or similar and then at the click of a mouse call CQ, QRZ, etc etc.

Tech 3.3.sea

108K HC stack - Ham tech test.

Trans.Stk v1.0.sea

32K A stack I made for transmission lines, giving attenuation, SWR, etc

Various Logs.sea

200K Includes, FileMaker Log, 5K FileMaker IV document will provide excellent general logging. HamLogger, 10K HC stack for logging ham contacts - very nice. Logging Stacks UK, 100K Keeps all sorts of logs. From contest, to local directory.

Logging Stacks USA, Same as above but with USA bandplans.

MacLogger, Very nice programme for checking contest entries.

SWL Logger Stack.

KQI Control v1.sea

53K Hypercard stack that will allow you to control a Kenwood TS-940S via it's RS-232 interface. However the author feels that it should work with most of the Kenwood range of transceivers.

Macnet rouser v 631

Worldwide database of Ham Macintosh users.

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Mac To PC.

ZIP.sea

Will allow ZIP or PKZIP files to be exchanged between Macs and PCs.

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Date: Mon, 12 Sep 1994 17:29:59 GMT  
From: svc.portal.com!portal!combdyn!lawrence@decwrl.dec.com  
Subject: Looking for CE-130T or CE-131T  
To: ham-digital@ucsd.edu

I'm planning to upgrade to a newer Sharp Electronic Organizer... It says through the use of one the above interfaces and a null modem adapter (depending on which one) I can hook it up to an external modem and call online services.

Well, I figure I'll just get one of these and hook it to a TNC and become a portable packet station.

Can somebody suggest a source of these interfaces? I can't seem to find any one locally that carries it. I don't want to upgrade to a newer organizer unless I can find the interface first.

--

WORK: lawrence@combdyn.com | PHONE 403 529 2162 | FAX 529 2516 | VE6LKC  
HOME: dreamer@lhaven.uumh.ab.ca | 403 526 6019 | 529 5102 | VE6PAQ

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Praxis Society K12 BBS - 403 529 1610 | Lunatic Haven BBS - 403 526 6957  
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disclamer = (working\_for && !representing) + (Combustion Dynamics Ltd.);

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Date: 17 Sep 1994 23:36:11 -0400  
From: newstf01.cr1.aol.com!newsbf01.news.aol.com!not-for-mail@uunet.uu.net  
Subject: Packet Programs for Tandy Model 100  
To: ham-digital@ucsd.edu

I recently purchased a Model 100 to use in portable packet operation. Coupled with the Kantronics KPC-3 and an HT, it makes a small portable packet setup. I know that the M100 has been in use by many packet operators. Can anyone tell me if there are packet or other ham related programs which have been written for the M100? If so are there any ftp sites which would have these programs available?

Thanks es 73,  
Bob, N7CLZ  
RobertK464@aol.com  
N7CLZ@WORLI.OR.NOAM

-----  
Date: 18 Sep 1994 13:25:43 GMT

From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!EU.net!sunic!  
news.funet.fi!nic.funet.fi!mto@network.ucsd.edu  
Subject: PaKet 6.1 available  
To: ham-digital@ucsd.edu

A new version of packet radio terminal software PaKet by VK2DHU  
is available with anonymous ftp at ftp.funet.fi as  
/pub/ham/packet/terminal/paket61.zip.

Markku / OH2BQZ

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Date: Sun, 18 Sep 94 12:30:01 -0500  
From: news.delphi.com!usenet@uunet.uu.net  
Subject: WEFAX for the Mac  
To: ham-digital@ucsd.edu

Bruce Martin <martinbw@jackatak.raider.net> writes:

>I am looking for a WEFAX program that will work with a Macintosh and a  
>KAM or KPC-3.

I have a KPC-3 and know that Kantronics makes a WEFAX program  
especially for their products, I don't personally have it, but  
I have seen it used and it seems to work like a charm.  
It costs a pretty penny, though.  
73's N0UJT

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End of Ham-Digital Digest V94 #311  
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